

08/25/99  
U.S. PTO

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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

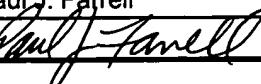
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 678-343 (P8855)

First Inventor or Application Identifier Young-Ky Kim

Title REVERSE CLOSED LOOP POWER...

Express Mail Label No. EL260888005US

APPLICATION ELEMENTS		ADDRESS TO:		
See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 45] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 24]</p> <p>4. Oath or Declaration [Total Pages 3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p>		<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>		
ACCOMPANYING APPLICATION PARTS				
<p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) <input type="checkbox"/> Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <ul style="list-style-type: none"> <li>* Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) <input type="checkbox"/> Status still proper and desired (PTO/SB/09-12)</li> <li>13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>14. <input type="checkbox"/> Other: .....</li> <li>15. <input type="checkbox"/> Other: .....</li> </ul>				
<p><b>NOTE FOR ITEMS 1 &amp; 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b></p>				
<p>16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____</p> <p>Prior application information: Examiner _____ Group / Art Unit: _____</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>				
17. CORRESPONDENCE ADDRESS				
<p><input type="checkbox"/> Customer Number or Bar Code Label</p> <p>(Insert Customer No. or Attach bar code label here)</p>		<p>or <input checked="" type="checkbox"/> Correspondence address below</p>		
Name	Paul J. Farrell			
Address	Dilworth & Barrese 333 Earle Ovington Blvd.			
City	Uniondale	State	NY	
Country	U.S.	Telephone	(516) 228-8484	
Name (Print/Type)	Paul J. Farrell		Registration No. (Attorney/Agent)	33,494
Signature			Date	8/25/99

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# FEE TRANSMITTAL

## for FY 1999

Patent fees are subject to annual revision.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 1,070.00)

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Young-Ky Kim
Examiner Name	
Group / Art Unit	
Attorney Docket No.	678-343 (P8855)

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 04-1121  
 Deposit Account Name Dilworth & Barrese

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

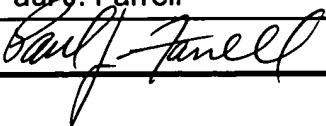
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	380	216	190		Extension for reply within second month	
117	870	217	435		Extension for reply within third month	
118	1,360	218	680		Extension for reply within fourth month	
128	1,850	228	925		Extension for reply within fifth month	
119	300	219	150		Notice of Appeal	
120	300	220	150		Filing a brief in support of an appeal	
121	260	221	130		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,210	241	605		Petition to revive - unintentional	
142	1,210	242	605		Utility issue fee (or reissue)	
143	430	243	215		Design issue fee	
144	580	244	290		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Petitions related to provisional applications	
126	240	126	240		Submission of Information Disclosure Stmt	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	760	246	380		Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380		For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____						
Other fee (specify) _____						
SUBTOTAL (2) (\$ 270.00)			SUBTOTAL (3) (\$)			
Reduced by Basic Filing Fee Paid						\$40

## SUBMITTED BY

Typed or Printed Name Paul J. Farrell

Signature 

Complete (if applicable)

Reg. Number 33,494

Deposit Account User ID 04-1121

Date 8/25/99

PATENT

Atty. Docket No. 678-343 (P8855)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner

for Patents

Washington, D.C. 20231

**UTILITY APPLICATION FEE TRANSMITTAL**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Young-Ky Kim; Su-Won Park; Jae-Min Ahn; and Jae-Yeol Kim

For: REVERSE CLOSED LOOP POWER CONTROL IN CONTROL HOLD STATE  
FOR CDMA COMMUNICATION SYSTEM

Enclosed are:

38 page(s) of specification

1 page(s) of Abstract

6 page(s) of claims

24 sheets of drawings  formal  informal

3 page(s) of Declaration and Power of Attorney

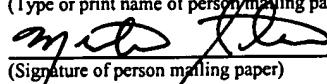
An Assignment of the invention to Samsung Electronics Co., Ltd.

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date August 25, 1999 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL260888005US addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Michael A. Scaturro

(Type or print name of person mailing paper)



(Signature of person mailing paper)

This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):

FILING DATE

/ \_\_\_\_\_

\_\_\_\_\_

/ \_\_\_\_\_

\_\_\_\_\_

Certified copy of applications

Country

Appln. No.

Filed

Korea

35056

August 25, 1998

from which priority under Title 35 United States Code, § 119 is claimed  
[ ] is enclosed.

will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$760.00
TOTAL CLAIMS	22	2	x 18 =	\$36.00
INDEPENDENT CLAIMS	6	3	x 78 =	\$234.00
[ ] Multiple Dep. Claim	0		260	\$0
				<b>TOTAL \$1,030.00</b>

Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

Two checks in the amount of \$1,030.00 and \$40.00 to cover the [X] recording, [X] filing fee(s) are attached.

Charge fee to Deposit Account No. 04-1121. Order No. \_\_\_\_\_  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: August 25, 1999



Paul J. Farrell  
Reg. No. 33,494

DILWORTH & BARRESE  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
Tel. No. (516) 228-8484  
Fax. (516) 228-8516

\*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).